

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015486**Date Inspected:** 07-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao / Geng wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

FCAW welding of weld joint 2F-030 located on PCMK SEG3004P for Segment 12AW the welder is identified as 202122. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 1G-240 located on PCMK SEG3006M for Segment 12CW the welder is identified as 202125. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Side Plates for Lift 13. The weld designations reviewed as follows.

SP3097-001-017,020,033,039,046,058,070,083,089. Green tag -13248.

SP3091-001-019,024,031,038,040. Green tag-13249.

SP3065-001-020,024,028,039,045,048,056,061,0. Green tag-13250.

SP3063-001-011,018,028,034,037,042,049. Green tag-13251.

SAW welding of weld joint 1G-004 located on PCMK LD3036-001 for Segment 13CW the welder is identified as

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045265. ZPMC QC is identified as Mr. Li Liqian. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

BAY#19

This QA inspector performed VT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a VT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A4-004-082,083,084,085,086,087,100,101,102,103,104,105.

BK004A3-004-065,067,068,069,070,071,100,101,102,103,104,105.

PAINT SHOP

This QA inspector performed MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Traveler rail. The weld designations reviewed as follows.

TR6C-PP68-005,006.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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